



AEROSPACE HIGH PRESSURE CONNECTION TECHNOLOGY

Process and Quality
Improvement in the
Aerospace Industry



FASTEST[®]

AEROSPACE CONNECTORS FOR PRESSURE & PERFORMANCE TESTING

Leak Testing | Performance Testing | Calibration | Tube Assemblies

Fastest[®] is the industry leader of connection tools for leak testing of aerospace components. Designed to simplify the connection process, save time and enhance safety. Fastest[®] connection tools provide faster, reliable and repeatable connections.

Fastest[®] offers a range of connectors that can connect directly to a variety of aerospace components: tube assemblies, component testing, engine testing, valves, gauges, ground support tools, pipe and tubing, and in-place calibration.

Our products connect to a variety of fittings used in the aerospace industry including:

37° Male & Female (MS33656)
Male Flareless MS (MS33514)
Dynamic Beam Seal 8-30 (Rosan)

Applications

TUBE
ASSEMBLIES

ENGINE
TESTING

ACTUATORS

VALVES &
CONTROLS



BROAD OFFERING

Extensive standard and Custom Engineered Solutions.



INTELLIGENT TOOLS

Sensing & data generation tools that support process automation.



APPLICATION EXPERTS

Optimized solutions, tailored to your unique needs.



GLOBAL SUPPORT

Global distribution network provides local, responsive support.



SUPERIOR QUALITY

ISO 9001 Certified; Robust tools improve the quality of your product.

TUBE ASSEMBLIES

Industry leading connectors for pneumatic and hydrostatic testing of tube assemblies.

Suggested Products: JXL Series, 70 Series



ENGINE TESTING

FasTest's line of rapid test connection products dramatically improves test stand through put and eliminates thread damage from testing.

Suggested Products: 60 Series, 70 Series, FasMate, FEG, HPB, TwistMate



COMPONENT TESTING

Pressure and leak testing connections for a range of engine, fluid flow and hydraulic components. Instant connections to internal and external threads.

Suggested Products: FasMate, 60 Series



VALVES & CONTROLS

Connections for valve, transducer testing, gauge calibration and ground hydraulic system testing (tire pressure gauges, jacks) and all ranges of male fittings.

Suggested Products: TwistMate, HPB Series, FEG, FasMate



IN PLACE CALIBRATION

Quick, finger-tight test connections to 10,000 psi for calibration of instrumentation to ISO 17025 standards.

Suggested Products: Manifolds, Transitions, Hose Assemblies



AEROSPACE CONNECTORS

60 Series



- Instant connections from vacuum to 750 psi (51 bar)
- No damage to threaded parts
- Easy sleeve action to connect

APPLICATION

Instant Connections to External Threads and Compression Fittings.

70 Series



- Connect to fittings, expanded, flared, barbed, beaded and formed end tubes from vacuum to 750 psi (51 bar)
- No damage to test piece features
- Easy sleeve action to connect

APPLICATION

Instant Connections to External Tubes.

TwistMate Series



- For vacuum or pressure test applications up to 10,000 psi (689 bar)
- Rugged stainless steel construction endures demanding production environments

APPLICATION

Twist to Connect for Internal (MIT) or External (MET) Threads and Fittings.

HPB Series



- Connect from vacuum to 6000 psi with no damage to threaded parts
- Easy sleeve action connect

APPLICATION

Instant Connections to External Threads and Compression Fittings.

AEROSPACE CONNECTORS

FasMate Series



- Instant connections from vacuum to 5,000 psi (345 bar)
- No damage to threaded parts
- Easy sleeve action to connect

APPLICATION

Instant Connections to Internal and External Threads.

FEG Series



- Gripping cradle minimizes the need for fixturing.
- Improved safety by preventing tool from accidental release under pressure.
- Consistent sealing force with pneumatic actuation.

APPLICATION

External Custom Cradle Connections to Flanged Ports and Turbos

JXL/JNL Series



- Instant connections from vacuum (10 micron) to 1000 psi
- Seals straight bore, step bore, smooth or cast surfaces

APPLICATION

Fast lever actuated connections to seal tubes externally (JXL) or internally (JNL).

Manifolds



- 2 and 4-port stainless steel manifolds rated up to 10,000 psi
- Compatible FasCal connectors allows quick change of sizes or types without the use of tape or wrenches

FASTEST GLOBAL DISTRIBUTION NETWORK



Interested in Learning More? Have Questions?

Contact Us.

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